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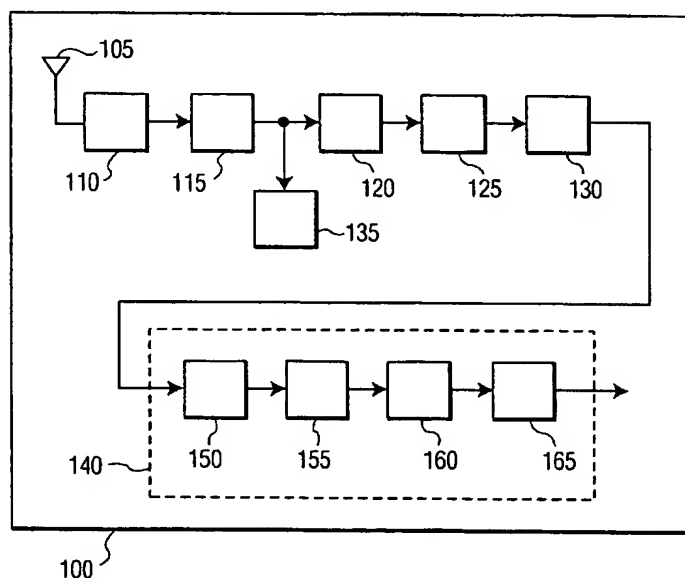
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(54) Title: RECEIVER AND PACKET FORMATTER FOR DECODING ATSC DTV SIGNAL



(57) Abstract: A packet formatter for use in a television receiver capable of receiving a dual bitstream signal comprising a standard stream compatible with the Advanced Television Systems Committee (ATSC) standard and a robust stream. The packet formatter comprises: 1) a first processing block capable of receiving the dual bitstream signal and removing therefrom header bits and parity bits associated with the robust stream to thereby produce a first output signal; and 2) a second processing block capable of receiving the first output signal and removing therefrom duplicate bits associated with the robust stream to thereby produce a second output signal that is output from a data path output of the packet formatter.

WO 2005/002229 A2



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